



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

Your application for Notice of Acceptance (NOA) of:

Series SWD-101 Outswing Aluminum French Door-Impact

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0417.04
EXPIRES: 11/22/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 09/06/2001

APPROVED : September 06, 2001

EXPIRES : November 22, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This **revises** and **renews** the Notice of Acceptance No. **99-0128.01**, which was issued on February 18, 1999. It approves an outswing aluminum French door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Series SWD-101 Outswing Aluminum French Doors-Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **971**, titled "French Door XX, X" Sheets 1 through 4 of 4, prepared by manufacturer, dated 02/16/98, with revision C dated 1-22-99 and last revised on 04-13-01, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit application of pair of doors and single door only, as shown in approved drawings. Single door unit shall include described in the active leaf of this approval.

4. INSTALLATION

- 4.1 The outswing aluminum French doors and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

5. LABELING

- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

Vinyl Tech/Progressive Glass Technology.

ACCEPTANCE No.: 01-0417.04

APPROVED : September 06, 2001

EXPIRES : November 22, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda

Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

APPROVED : September 06, 2001

EXPIRES : November 22, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For Filling Purpose only. Not part of NOA)

A. DRAWINGS (transferred from file#99-0128.01)

1. Manufacturer's die drawings and sections.
2. Drawing No **971**, titled "French Door XX, X" Sheets 1 through 4 of 4, prepared by manufacturer, dated 02/16/98, with revision C dated 1-22-99 and last revised on 04-13-01, signed and sealed by Robert L. Clark, P.E.

(Note: The latest revisions consist of addition of 2-point lock hardware only)

B. TESTS (transferred from file#99-0128.01)

1. Test report on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Large Missile Impact Test per SFBC, PA201-94
 - 4) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 5) Water Resistance Test, per PA 202-94.
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of an aluminum out swinging French door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1973**, dated March 19, 1998, signed and sealed by Gilbert Diamond, P.E.

2. Test report on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Large Missile Impact Test per SFBC, PA201-94
 - 4) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 5) Water Resistance Test, per PA 202-94.
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of an aluminum out swinging French door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2241**, dated January 14, 1999, signed and sealed by Gilbert Diamond, P.E

3. Additional test report on (submitted for hardware revision qualification)
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Large Missile Impact Test per SFBC, PA201-94
 - 4) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 5) Water Resistance Test, per PA 202-94.
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of an aluminum out swinging French door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2612**, dated September 29, 2000, signed and sealed by Aldo P. Gonzales, P.E

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

APPROVED : September 06, 2001

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(For Filing purpose only. Not part of NOA)

C. CALCULATIONS (transferred from file#99-0128.01)

1. Anchor Calculations, prepared, signed and sealed by Robert L. Clark, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 00-1212.04 issued to E. I. DuPont DeNemours. for "***Butacite PVB***", dated 02/15/2001, expiring on 12/11/2005
2. Notice of Acceptance No. 01-0205.02 issued to Solutia, Inc. for "***Saflex /Keepsafe Maximum***", expiring on 05/21/06
3. Notice of Acceptance No. 98-0728.05 issued to Solutia, Inc. for "***Saflex IIIG PVB PolyVinyl Butryal interlayer***", dated 08/27/98, expiring on 05/21/01. (transferred from file#99-0128.01)
4. Notice of Acceptance No. 96-0527.01 issued to Monsanto Chemical Co. for "Laminated Glass with ***Saflex PVB Iinterlayer***", dated 01/09/97, expiring on 01/09/00. (transferred from file#99-0128.01)

E. STATEMENTS (transferred from file#99-0128.01)

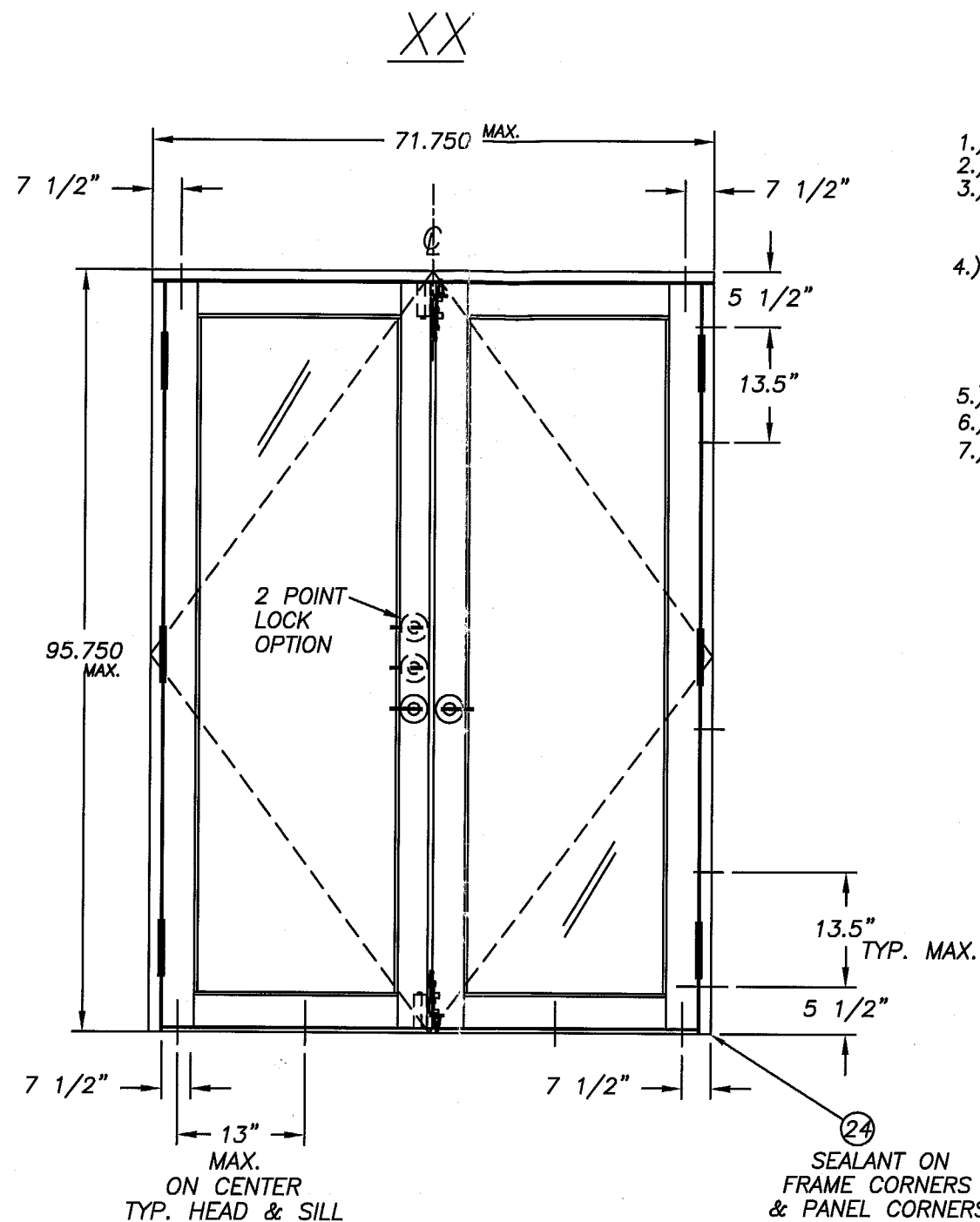
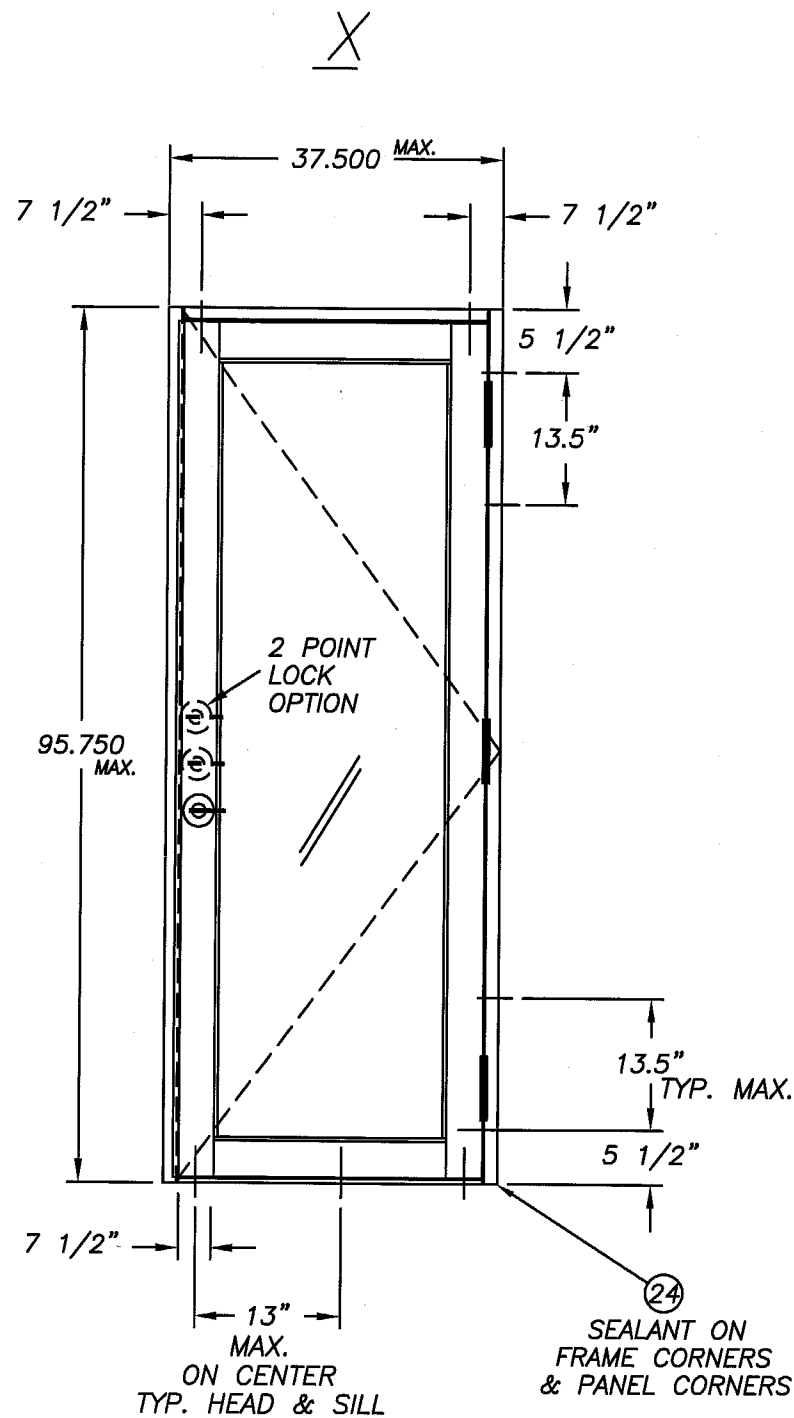
1. Statement letter of conformance and "No financial interest", dated April 20, 1998, signed by Robert L. Clark, P.E.
2. Letter of compliance, dated March 23, 1998, prepared by Fenestration Testing Laboratory, Inc., signed and sealed by Gilbert Diamond, P.E.
3. Letter of compliance, dated January 15, 1999, prepared by Fenestration Testing Laboratory, Inc., signed and sealed by Gilbert Diamond, P.E.
4. Meeting Summary dated January 26, 1999, issued by BBCO.
5. Revision request letter dated April 13, 2001, issued by PGT Industries, signed by Robert L. Clark, P.E.

F. OTHER (transferred from file#99-0128.01)

1. This **revises** and **renews** the Notice of Acceptance No. 99-0128.01, which expires on November 22, 2001.
2. Manufacture's "Quality Operation Procedure", submitted per meeting summary dated January 26, 1999.
3. Notice of Proposed Action Product Removal, dated December 28, 1998, issued to Vinyl Tech / Progressive Glass Technology intending to remove NOA No. 98-0506.02 for their Series SWD-101 Outswing Aluminum French Door, approved on 10/22/98 and expiring on 10/22/01. This document was canceled on 01/21/99.
4. Glazing complies w/ ASTM E-1300-98.

Ishaq I. Chanda

Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division



LARGE MISSILE IMPACT DOORS

- 1.) GLAZING: .401/.464 LAMINATED W/INTERLAYER (MONSANTO OR DUPONT)
- 2.) CONFIGURATIONS: X, XX
- 3.) DESIGN PRESSURE RATING:
 - 3a) .464 LAM.: +75 P.S.F. -75 P.S.F.
 - 3b) .401 LAM.: +60 P.S.F. -60 P.S.F.
- 4.) ANCHORS:
 - MAX. 7 1/2" FROM CORNERS (HEAD & SILL)
 - MAX. 5 1/2" FROM CORNERS (JAMB)
 - MAX. SPACING AT HEAD & SILL: 13.000
 - MAX. SPACING AT JAMB: 13.500
- 5.) NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL-2241
- 7.) FOR LOCKING ASSEMBLY OPTION - SEE SHEET 3 OF 4

PRODUCT RENEWED

ACCEPTANCE No. 01-0417.04

EXPIRATION DATE NOVEMBER 23, 2006

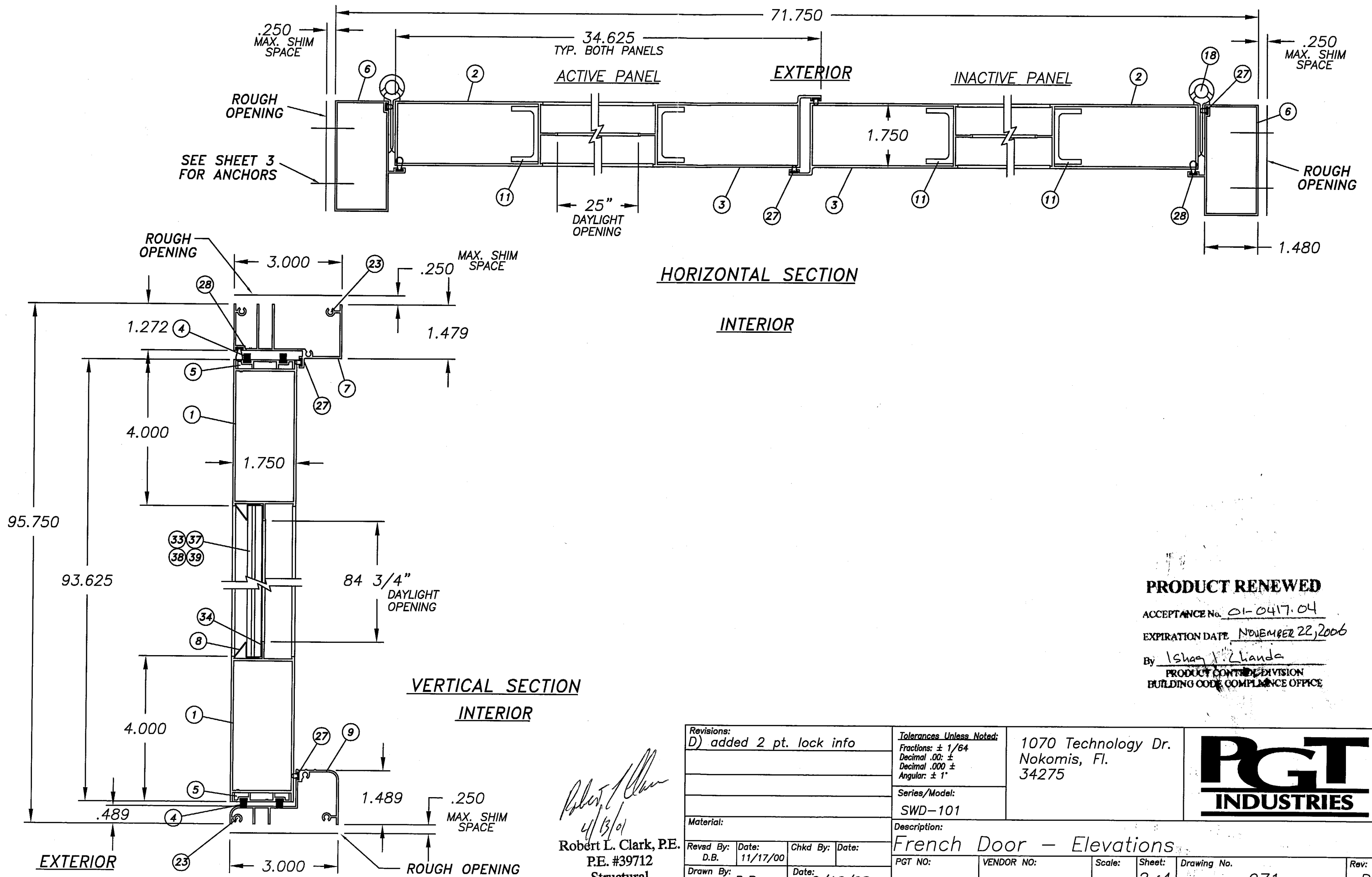
By Shag I. Claude

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Robert Clark
4/13/01


Robert L. Clark, P.E.
P.E. #39712
Structural

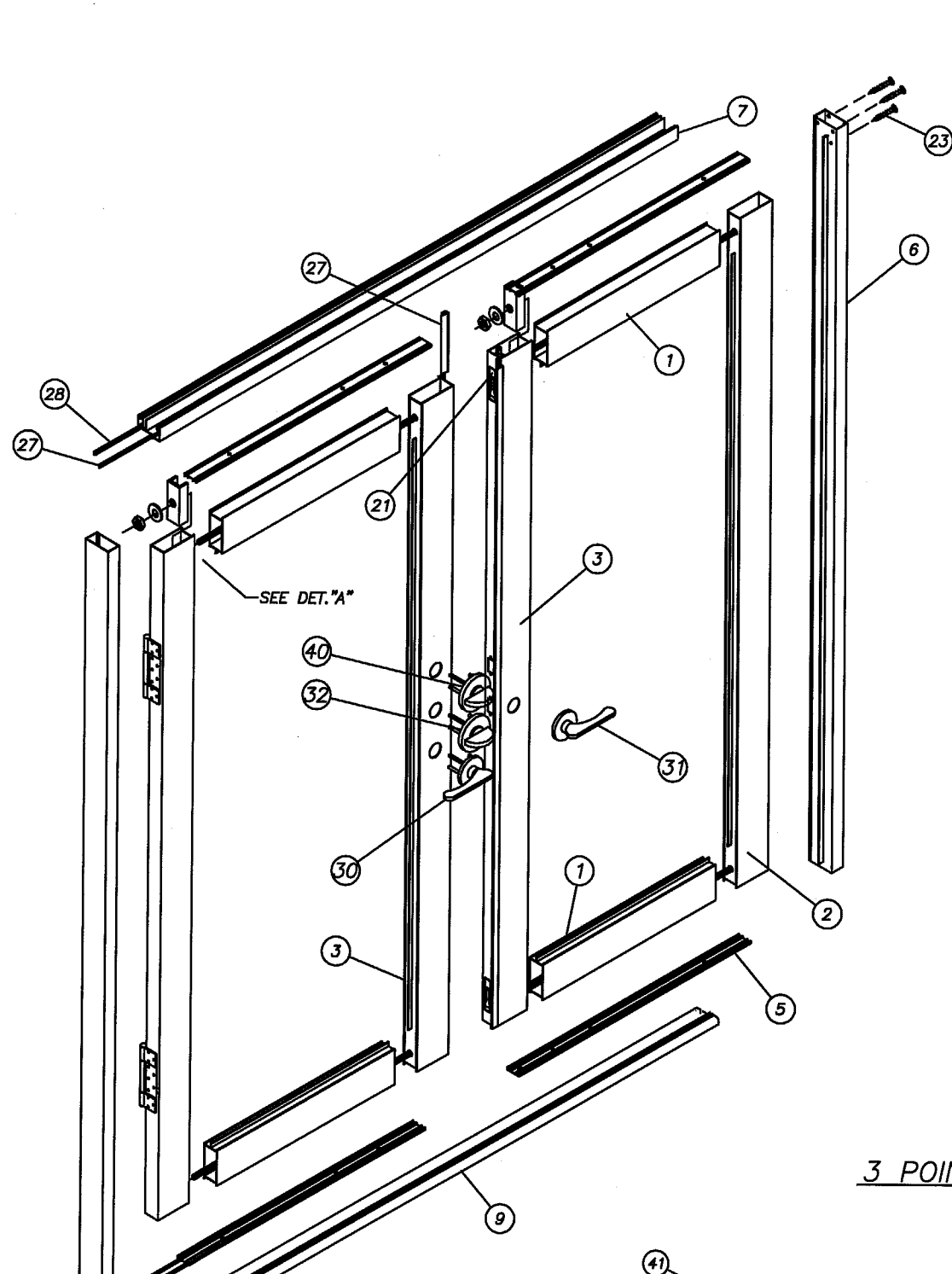
<div>Revisions:</div> <div>D) added 2pt. lock info</div>				<div>Tolerances Unless Noted:</div> <div>Fractions: ± 1/64</div> <div>Decimal .00: ±</div> <div>Decimal .000 ±</div> <div>Angular: ± 1°</div>		<div>1070 Technology Dr.</div> <div>Nokomis, Fl.</div> <div>34275</div>		<div><div>PGT</div><div>INDUSTRIES</div></div>	
				<div>Series/Model:</div> <div>SWD-101</div>					
				<div>Description:</div> <div>French Door - X, XX</div>					
<div>Material:</div>									
<div>Revsd By:</div> <div>D.B.</div>	<div>Date:</div> <div>11/17/00</div>	<div>Chkd By:</div>	<div>Date:</div>						
<div>Drawn By:</div> <div>D.B.</div>		<div>Date:</div> <div>2/16/98</div>		<div>PGT NO:</div>	<div>VENDOR NO:</div>	<div>Scale:</div> <div>1x</div>	<div>Sheet:</div> <div>1 of 4</div>	<div>Drawing No.</div> <div>971</div>	<div>Rev:</div> <div>D</div>



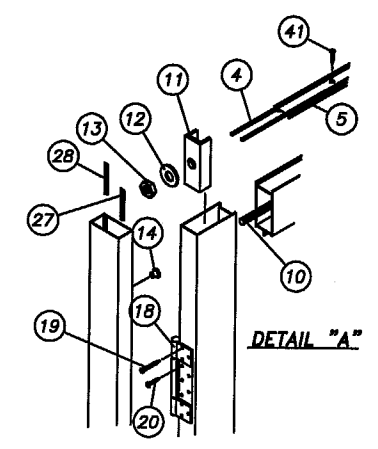
PRODUCT RENEWED
 ACCEPTANCE No. 01-0417.04
 EXPIRATION DATE NOVEMBER 22, 2006
 By Ishag J. Llandu
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

Robert L. Clark
 4/13/01
 Robert L. Clark, P.E.
 P.E. #39712
 Structural

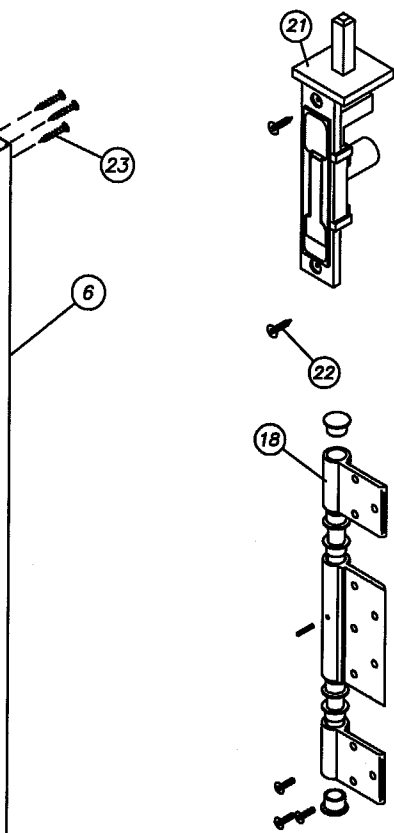
Revisions: D) added 2 pt. lock info				Tolerances Unless Noted: Fractions: $\pm 1/64$ Decimal .00: \pm Decimal .000 \pm Angular: $\pm 1^\circ$		1070 Technology Dr. Nokomis, Fl. 34275			
				Series/Model: SWD-101					
Material:				Description: French Door - Elevations					
Revsd By: D.B.	Date: 11/17/00	Chkd By:	Date:	PGT NO:	VENDOR NO:	Scale:	Sheet: 2 of 4	Drawing No. 971	Rev: D
Drawn By: D.B.	Date: 2/16/98								



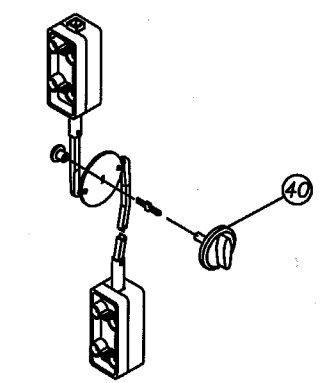
SEE DET. "A"



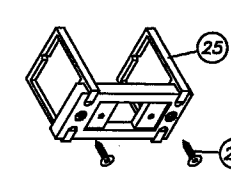
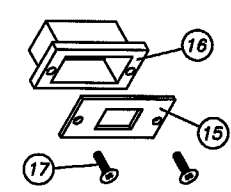
DETAIL "A"



3 POINT LOCK ASSY.

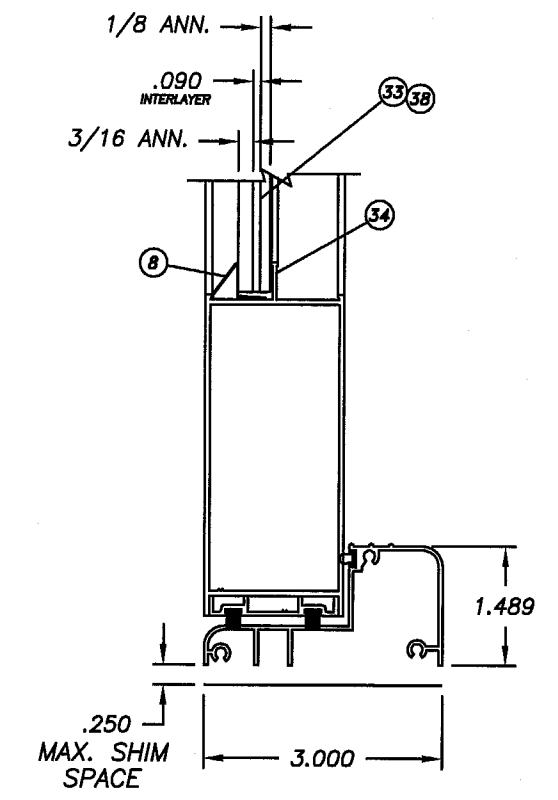


2 POINT LOCK ASSY.

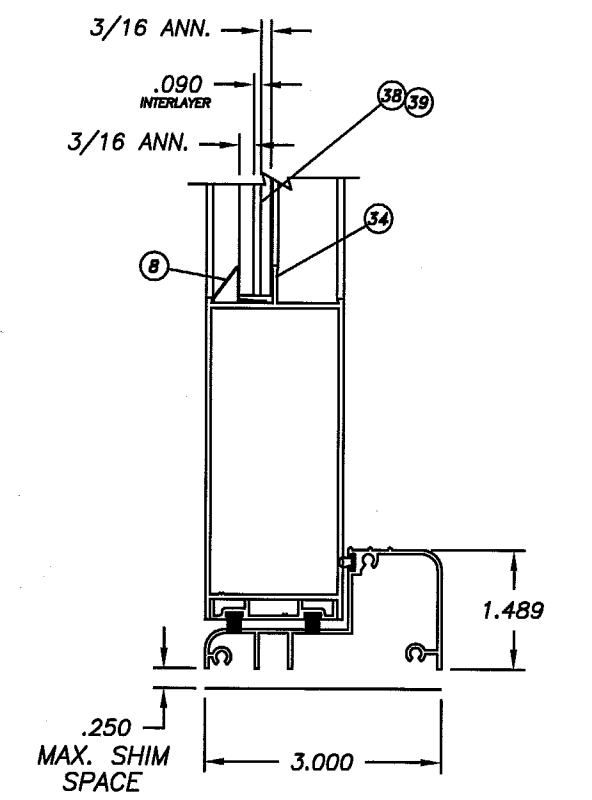


Robert L. Clark
4/13/01

Robert L. Clark, P.E.
#39712
Structural



.401" LAM. W/MONSANTO SAFLEX PVB INTERLAYER
OR .401" LAM. W/DUPONT BUTALITE INTERLAYER
SEE NOTE 3 ON SHEET 1
DESIGN PRESSURE RATING: ±60 psf.



.464" LAM. W/MONSANTO SAFLEX PVB INTERLAYER
OR .464" LAM. W/DUPONT BUTALITE INTERLAYER
SEE NOTE 3 ON SHEET 1
DESIGN PRESSURE RATING: ±75 psf.

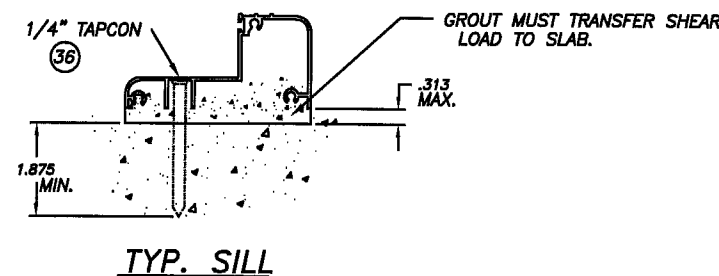
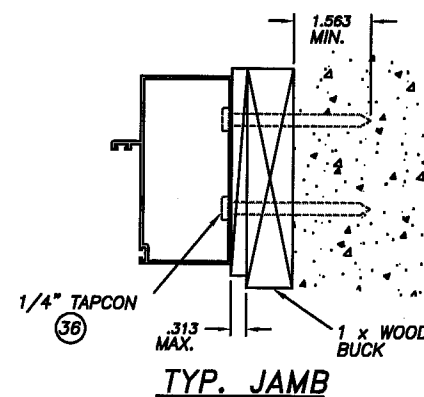
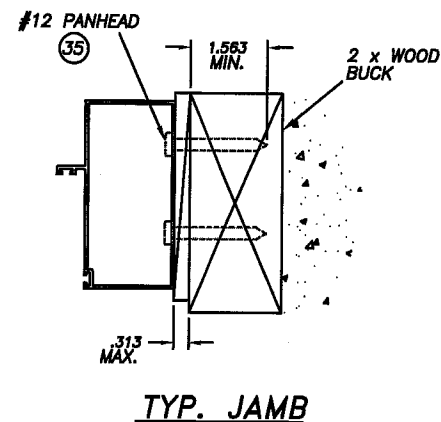
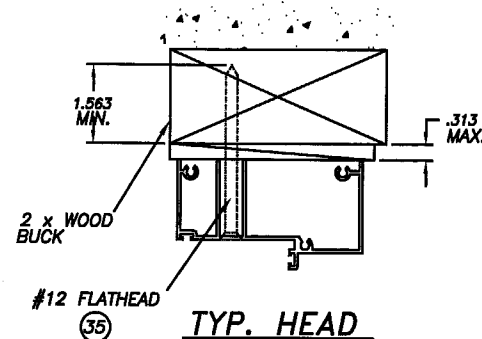
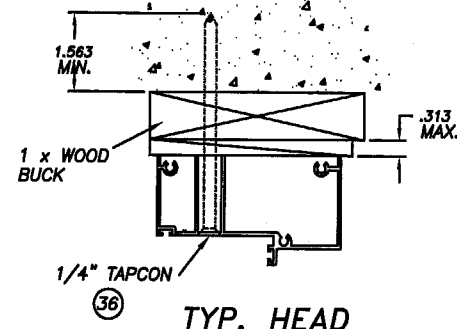
PRODUCT RENEWED

ACCEPTANCE NO. 01-0417.04

EXPIRATION DATE NOVEMBER 22, 2006

By Ishag I. Zhandu
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Revisions: D) added 2 pt. lock info				Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000 ± Angular: ± 1°		1070 Technology Dr. Nokomis, Fl. 34275		PGT INDUSTRIES			
				Series/Model: SWD-101							
Material:				Description: French Door – Exploded/Glazing							
Revsd By: D.B.	Date: 11/17/00	Chkd By:	Date:	PGT NO:		VENDOR NO:		Scale:	Sheet: 3 of 4	Drawing No. 971	Rev: D
Drawn By: D.B.		Date: 2/16/98									



ITEM	DESCRIPTION	V.T. #	QTY./DESCRIPTION	VENDOR	VENDOR #
1	DOOR HEAD/SILL	60375		ALUMAX	AF-10375
2	DCOR JAMB (HINGED)	60376		ALUMAX	AF-10376
3	DCOR ASTRAGAL	60377		ALUMAX	AF-10377
4	.250 x .187 FINSEAL STRIP	67924G	8 (2/each door top & bot. rail)	SCHLEGEL CORP.	FS7924-187
5	DCOR W-STRIP CHANNEL	60379		ALUMAX	AF-10379
6	FRAME JAMB	60380		ALUMAX	AF-10380
7	FRAME HEAD	60411		ALUMAX	AF-12376
8	GLAZING BEAD (ROLL FORM)	65170		FLORIDA SCREEN	
9	OUTSWING THRESHOLD	61069M		ALUMAX	AF-12375
10	5/16x18 THREADED ROD	6TRODA	4 (1/door top & bot. rail)	FASTEC INDUSTRIAL	
11	TRUSS CLAMP	60378M	8 (2/ea. door top & bot. rail)	ALUMAX	AF-10378
12	5/16x1/16 TRUSS WASHER	7WASHA	8 (2/ea. door top & bot. rail)	FASTEC INDUSTRIAL	
13	5/16x18 TRUSS NUT	7JNUTA	8 (2/ea. door top & bot. rail)	FASTEC INDUSTRIAL	
14	FRAME SCR. COVER CAP	41722W		PGT INDUSTRIES	41722W
15	STRIKE PLATE	7955X		CAMCORP	
16	STRIKE PLATE INSERT	41721		PGT INDUSTRIES	41721
17	10x3/4 SCR. FLT. HD. PHIL	71034A		MERCHANTS FASTENER	
18	HINGE ASS'Y.	7FRMOW	6 (3/frame jambs)	NATIONWIDE IND.	
19	10x.625 FLT. HD. PHIL	71058FP	26 (6/hinge - hinge-door jamb)	MERCHANTS FASTENER	
20	10x1/2 FLT. HD. PHIL.	710X12PPW	30 (5/hinge & hinge-frame jamb)	MERCHANTS FASTENER	
21	TCP/BOTT. SLIDE BOLT LOCK	41720	2 (1 @ top/bot. of l.h. astragal)	PGT INDUSTRIES	41720
22	6x1/2 FLT. HD. PHIL.	7612FW	4 (2/slide bolt locks)	MERCHANTS FASTENER	
23	8x1 1/2 SCR. PN HD. QUAD.	78112A	12 (6/head & sill)	FASTEC INDUSTRIAL	
24	SEAM SEALER	6SM55W		SCHNEE MOREHEAD	SM5504
25	LOCK SUPPORT ASS'Y.	4UBLOK	3 (1/lock)	PGT INDUSTRIES	4UBLOK
26	6x3/4 FLT. HD. PHIL.	7634F	6 (2/lock support assy.)	FASTEC INDUSTRIAL	
27	.200 x .190 QLON	6Q200K	5 (1/astragals, fr. jambs & head)	SCHLEGEL CORP.	Q200X190
28	.375 x .190 QLON	6Q300W	4 (1/astragals & frame jambs)	SCHLEGEL CORP.	Q375x190
29	3 POINT LOCK ASS'Y.	FD3PTAY	1 (@ r.h. astragal)	PGT INDUSTRIES	FD3PTAY
30	LOCK (ACTIVE)	7LOKAP	1 (@ r.h. astragal)	HARLOC	100
31	LOCK (DUMMY)	7LOKIP	1 (@ r.h. astragal)	HARLOC	880
32	DEAD-BOLT LOCK	7BLTIP	1 (@ r.h. astragal)	HARLOC	820
33	.401 LAM. W/MONSANTO			H.P.G.	
34	SILICONE	62899C		DOW CORNING	899
35	#12 Ph. Pn. SMS				
36	1/4" TAPCON				
37	.401 LAM. W/DUPONT			H.P.G.	
38	.454 LAM. W/DUPONT			H.P.G.	
39	.454 LAM. W/MONSANTO			H.P.G.	
40	2 POINT LOCK ASSY.		1 (@ r.h. astragal)	PGT INDUSTRIES	
41	#8 x .75 Ph. Fl. Tek	7834FPT		SPENCER PRODUCTS	

PRODUCT RENEWED

ACCEPTANCE No. SI-0417.04

EXPIRATION DATE NOVEMBER 22, 2006

By Ishag I. Chaudhry

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Robert L. Clark, P.E.
P.E. #39712
Structural

Revisions: D) added 2 pt. lock info		Tolerances Unless Noted: Fractions: $\pm 1/64$ Decimal .00: \pm Decimal .000: \pm Angular: $\pm 1^\circ$		1070 Technology Dr. Nokomis, Fl. 34275			
Material:		Series/Model: SWD-101					
Description: French Door - Anchorage/B.O.M.		PGT NO:		VENDOR NO:		Scale:	
Rev'd By: D.B.		Date: 11/17/00		Chkd By:		Date:	
Drawn By: D.B.		Date: 2/16/98		Sheet: 4 of 4		Drawing No. 971	
						Rev: D	